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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Examiner: J. Pascua

The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated: September 9, 2003

Respectfully submitted,

By

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Naoto Matsuda
				Art Unit	3727
Examiner Name	Jes F. Pascua				
Attorney Docket Number	09482/1K920US3				
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1. *	2,171,718	09-1939	Vogt	
	2. *	3,249,288	05-1966	Repko	
	3. *	3,337,117	08/1967	Lehmacher et al.	
	4. *	3,367,380	02/1968	Dickey	
	5. *	4,252,238	02-1981	Spielberg, et al.	
	6. *	4,570,820	02-1986	Murphy	
	7. *	4,904,093	02/1990	Woods et al.	
	8. *	5,059,035	10/1991	Kristensen	
	9. *	5,441,345	08/1995	Garvey et al.	
	10*	5,480,230	01/1996	May	
	11. *	5,758,473	06/1998	Patelli	
	12. *	6,361,209	03/2002	LaRue et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	13. *	JP 5-147661	06/15/93	Watanabe et al.		
	14. *	JP 63-7645	1/19/88			
	15. *	JP 3-240650	10/1991	Yano		
	16. *	JP 3-240651	20/1991	Yano		
	17. *	JP 08-217090	8/27/96			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

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